

ESCALANTE VALLEY, UTAH

1974 - 1975

The 1974-1975 water year precipitation was above normal, 124% of the 1931-1960 average. A wet October was followed by a dry winter pattern but the spring months brought an abrupt turnaround to wet weather once again. Cold temperatures and near normal precipitation occurred in June and August but July was much above normal in rainfall with 3.9 inches reported at Minersville compared to a normal .79 inches; twice during the month Minersville experienced precipitation over an inch in a 24-hour period once on the 13th and once on the 30th.

The most significant departure of weather from normal for the Escalante Valley during the year was the cold spring. Temperatures during April and May averaged 5 to 10 degrees below normal. This resulted in a late snowmelt runoff and delayed the growing season.

Streamflow for the water year at Beaver was 27,300 acre-feet, 92% of the 15-year (1958-1972) average similar to the previous year. Minersville reservoir contained 13,190 acre-feet of water, 94% of average on April 30, 1975.

TABLE I

Weather Data for Stations in or near Escalante Valley, Utah
Milford Area 1973-1975

		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Water Year TOTAL	Cal. Year TOTAL
<u>MILFORD WSO</u>															
<u>Temperature</u>															
1973	49.6	34.9	15.8	14.3	29.0	35.9	42.7	56.8	64.5	72.5	72.2	58.9	45.6	47.0	45.6
1974	49.2	37.5	30.4	20.9	26.9	43.3	44.3	59.4	69.3	73.3	70.5	62.8	49.0	48.7	48.7
1975	49.9	37.9	25.5	24.2	30.2	37.6	39.5	49.9	62.4	73.1	69.2	62.7	46.8	46.8	46.8
(1931-60 Average	50.7	36.1	28.2	24.6	29.7	38.5	47.7	56.5	65.4	73.8	72.2	63.1	48.9	48.9	48.9
<u>MINERSVILLE</u>															
<u>Temperature</u>															
Precipitation	1973	2.61	.95	2.21	.71	.61	1.65	2.28	.96	.89	.49	.67	.15	14.08	10.49
	1974	1.58	1.58	.22	.51	.36	.45	.82	.01	.00	1.03	.23	.19	6.43	6.43
	1975	1.29	.38	.16	.35	.50	1.80	.60	.87	.70	.37	.74	.02	9.78	---
1931-60 Average	.77	.52	.71	.57	.70	1.03	.72	.69	.43	.70	.73	.43	8.00	8.00	8.00
<u>REAVER</u>															
<u>Temperature</u>															
1973	47.8	33.7	23.1	21.2	30.9	33.9	41.3	55.0	62.1	68.6	67.1	56.1	45.1	45.9	45.9
1974	47.6	36.1	30.5	24.9	28.0	41.5	43.0	56.0	64.8	69.3	66.0	60.5	47.4	47.2	47.2
1975	48.5	37.4	26.3	26.5	30.0	35.0	36.3	48.9	59.4	67.4	64.6	58.8	44.9	47.4	47.4
(1931-60 Average	48.7	36.1	29.8	26.8	30.7	37.5	45.9	53.8	62.0	69.3	67.6	60.3	47.4	47.4	47.4
<u>Precipitation</u>															
1973	3.18	1.21	1.72	.80	.60	2.12	2.45	1.58	1.20	.42	3.42	.27	18.97	15.27	15.27
1974	.73	.96	.72	.92	.36	1.73	1.85	1.00	.00	2.31	.07	.02	9.67	9.39	9.39
1975	1.55	.36	.22	.93	.72	1.45	1.47	1.89	.40	1.66	1.17	.87	12.69	---	---
1931-60 Average	.99	.61	.79	.98	1.06	.99	.96	.65	.45	1.26	1.44	.77	11.35	11.35	11.35